

Singapore Innovation and Technology Studies



V5.0

STUDY TOUR

Immersive experience of international education + bilingual
elite education + garden city tour



Admission

01. Target 9-15 years old

02. Study days 7 days and 6 nights

03. Location Nanyang Technological University, Singapore

04. Period Every February, July and August

Why choose Singapore?



Unique Bilingual Education

Asia's TOP Higher Education

World leading quality education





‘Bilingual education is the cornerstone of Singapore’s founding’

-Lee Kuan Yew, Founding Father of Singapore

Bilingual education is Singapore's most unique educational feature. English is the official language of Singapore, but every student is required to learn an official mother tongue, as well as Chinese, Malay or Indian at the same time, so Singaporeans are exposed to two languages from an early age. The advantages of this bilingual policy are very obvious, making students more diverse and able to obtain more opportunities in the current global competition.



CCA(CO-CURRICULAR ACTIVITIES)

-Singapore extracurricular supplementary activity curriculum system

The Ministry of Education of Singapore attaches great importance to the quality education of students. They have established an extracurricular supplementary activity curriculum system-CCA for unified students. The Ministry of Education strictly requires all Singaporean students to participate in one of the four major categories, and it is directly linked to admission.



In the 2023 QS World University Rankings, the National University of Singapore ranks first in Asia and Nanyang Technological University in Singapore ranks fourth in Asia.

Singaporean universities are famous for their "strict entry and strict exit" and are highly recognized and well-known around the world. The National University of Singapore and Nanyang Technological University have ranked high in global rankings over the years. Coupled with extremely high employment rates, they are the target universities for many outstanding students around the world to compete.

Why choose this research project?



01 Four major theme
innovation projects

02 Cultural heritage immersed
wholeheartedly

03 STEAM official
certification



What is STEAM?

What kind of course experience is Singapore STEAM course like?

Singapore's primary and secondary education is widely regarded by the world as a representative of efficient education and high-quality education. Its STEAM courses play a great role in cultivating children's comprehensive qualities. Divided into four major themes, the knowledge in each field is combined through comprehensive courses to strengthen project cooperation between disciplines, allowing students to learn in a comprehensive environment and solve problems with knowledge from multiple disciplines in project activities. While breaking through subject knowledge, it can also enhance students' innovative consciousness and educational and cultural soft power. It can stimulate students' interest in science, mathematics, especially engineering and design creativity, and focus on cultivating students' spatial thinking, professional skills, innovation awareness, practical ability and comprehensive ability.

Course themes

4 themes of the course

● STEAM Robotics and Programming

Content:

- Understand the types and basic structures of robots
- Machinery Control and Programming
- Mechanical structure understanding and design
- Practical operations: Ability to combine hands and brain, troubleshooting ability
- Advanced understanding of artificial intelligence and neural networks

● STEAM 3D printing technology

Content:

- Why learn 3D printing technology?
- How does it work?
- What are the specific implementation techniques?
- What are its specific applications?

● **AI painting**

Course content:

- Introduction to AI painting
- Midjourney use
- Hands-on practice - hands-on AI painting
- Work display and sharing

● **Frontier Technology Chat GPT**

Content:

- Understand the introduction to the principles of learning ChatGPT
- Programming exercises
- ChatGPT case display
- Practical exercises



孩子们的3D打印课堂

全神贯注，边学习边实操



Training objectives

Study abroad planning

- Visit world-famous universities - Nanyang Technological University or National University of Singapore
- Feel the environment and philosophy of Singapore universities

Character development

- Mixed-age study tour with local primary and secondary school students
- Improve self-care ability
- Build a strong and independent character

Exotic experience

- Visit Singapore's famous attractions
- Enhance understanding of Singapore's multicultural customs, customs, and urban culture

International perspective

- Broaden horizons and increase experience
- Experience multicultural and bilingual education in Singapore
- Establish spatial thinking and cultivate innovative consciousness

Foreign language applications

- Chinese and English bilingual classroom
- Stimulate children's interest in learning English
- Practice communication and oral expression skills



有趣且充实的课堂氛围
学生独立思考、实践并行
期间互相探讨交流，老师协助指导

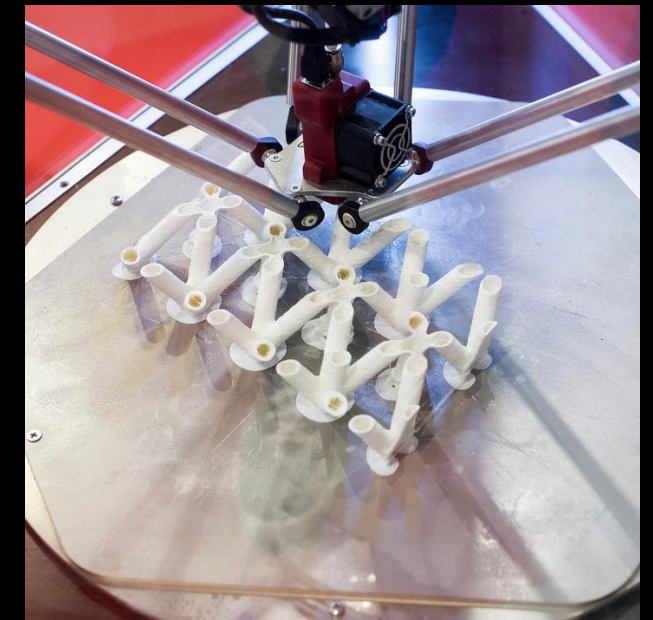


What they will learn?



STEAM course certificate

Through the experience of different courses, children's interests and comprehensive qualities in different scientific fields can be cultivated. After the course, you will receive a STEAM course certificate, which will fully illuminate your soft skills in applying for studying abroad.

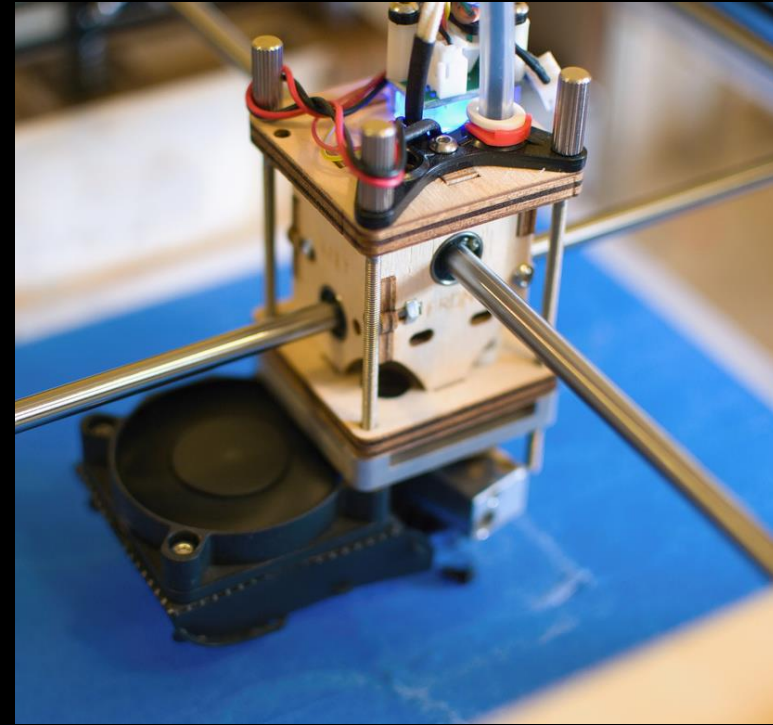


Professional knowledge and skills

Through the full guidance of the center's professional instructors, students can master the professional knowledge and skills of each project.

Improve comprehensive capabilities

Through modeling topics that are close to life, it can also cultivate students' ability to solve real-life problems and help improve comprehensive abilities in all aspects.



Diverse ethnic cultural experiences

Feel the cultural concepts of multi-ethnic integration areas, experience the interconnection and harmonious coexistence between races in the global village, and cultivate students' humility, tolerance and respect for different cultures.



Excellent teamwork skills

Through the team training mode, team members can develop their communication and collaboration skills.

Cultivation of sense of responsibility

Through the immersion and experience of Singapore's tangible and intangible cultural heritage, we can personally experience the importance of cultural heritage to mankind, and enhance students' sense of responsibility and respect for nature and tradition.



Certificate sample:

- The completion certificate will be issued directly to the student by the laboratory professor assistant of Nanyang Technological University, Singapore



Specific itinerary



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- This itinerary is for reference only and can be adjusted appropriately according to the actual situation and needs of the team.
- If you choose a hotel as the camp room type, the room type will be 2 people/room. If you choose the central student dormitory, the room type will range from 2-14 people/room. The specific occupancy situation will be uniformly allocated by the center staff.
- The course is based on English courses.

	Time	Schedule	Meals	Hotel
	DYA 1	China-Singapore, arrive at Singapore Jewel Changi Airport, pick up and check into local hotel		
DAY 2	09: 00-12: 00	Welcome ceremony at Nanyang Technological University, Singapore	Breakfast: hotel	Local 3/4 star hotel Student dormitory
	14: 00-18: 00	Course: Robotics and Programming City visit: [Merlion, Parliament Building, City Hall, High Court, Raffles Landing Site]	Lunch: NTU Restaurant Dinner: Bak Kut Teh	
DAY 3	09: 00-12: 00	Course: Robotics and Programming	Breakfast: hotel	Local 3/4 star hotel Student dormitory
	14: 00-17: 00	Take a ride on the Ferris wheel and overlook the panoramic view of Singapore	Lunch: NTU Restaurant	
	18: 30-19: 30		Dinner: Hainanese chicken rice	
DAY 4	09: 00-11: 00	Complete coursework Visit to world famous universities [National University of Singapore]	Breakfast: hotel	Local 3/4 star hotel Student dormitory
	12: 00-15: 00	【National Gallery Singapore】	Lunch: local food/Chinese food	
	16: 30-18: 30	Cultural experience: [Little India, Kampong Glam] Group discussions and completion of coursework	Dinner: local food/Chinese food	
DAY 5	09: 00-12: 00	Entering the World Cultural Heritage [Singapore Botanic Gardens]	Breakfast: hotel	Local 3/4 star hotel Student dormitory
	14: 00-17: 00	【Gardens by the Bay】	Lunch: local food/Chinese food Dinner: local food/Chinese food	
DAY 6	09: 00-18: 00	Enjoy Sentosa Island and Universal Studios Adventure	Breakfast: hotel Lunch: at your own expense Dinner: local food/Chinese food	Local 3/4 star hotel Student dormitory
	DYA 7	Singapore-China, farewell to Singapore's perceived better self		

Campsite security



Center teacher:
Supervise children's growth and safety



Certified First Aider:
Singapore Professional Rescue



Nutritious meals:
Balanced food and beverage nutrition



Certified Coach:
Select professional teachers



24H security:
Accident insurance



HD recording:
Record your child's growth pictures and
share them with relatives and friends

Camp environment



Study guide



Type of Visa:

Individual/group tourist visa

Acceptance cycle:

About 10-15 working days


The leading teacher's phone number and other information will be sent to everyone before the trip.

Our company will purchase personal accident insurance for all members who sign up to participate in this event, and will issue corresponding insurance notices to everyone before departure. If there is an accident during the event, the insurance company will bear all relevant compensation liabilities.

Study tour registration process:

1. Consult the Singapore Youth Culture and Arts Center's study tour consultant to determine your study tour plan and quotation;
2. Sign the study tour agreement and pay the registration fee
3. Prepare visa documents and pay the tour fee and visa fee
4. Submit visa and wait for visa approval
5. Attend the pre-departure orientation meeting, prepare your luggage, and go to the bank to exchange local currency (it is recommended not to exchange too much, 100-500 Singapore dollars is appropriate)
6. Departure
7. Return home safely

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